

**Appln No. 10/706,024**  
**Amdt date October 7, 2010**  
**Reply to Office action of June 7, 2010**

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Please amend claims 1-7 and 9, cancel claim 10, and add new claim 11.

1. (Currently Amended) A method for attaching a ring electrode to ~~the shaft of~~ a catheter ~~tip section~~ comprising:

providing a catheter tip section comprising a tubular shaft having at least one lumen extending therethrough and at least one exit hole extending from the outer surface of the shaft of the catheter tip section to the at least one lumen;

passing a portion of an electrode lead wire through the at least one lumen and out of the exit hole;

wrapping the portion of the electrode lead wire that extends out of the exit hole around the circumference of the shaft of the catheter tip section at least one full turn, ~~wherein during wrapping, the shaft of the tip section is heated sufficiently to soften the material of the tip section shaft, wherein the shaft is internally heated using a heating block or rod positioned inside the shaft;~~

sealing the exit hole with a sealant;

after sealing the exit hole, sliding a ring electrode having a proximal portion comprising a flared skirt over the shaft of the catheter tip section and positioning the ring electrode directly over the circumferentially wrapped electrode lead wire;

swaging the ring electrode to reduce its outer diameter sufficiently to secure the ring electrode to the shaft of the catheter tip, wherein the outer diameter of the swaged ring electrode is about the same as the outer diameter of the shaft of the catheter tip.

2. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section as claimed in claim 1, wherein the electrode lead wire is wrapped around~~

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the circumference of the shaft of the catheter tip section sufficiently tightly so that the outermost surface of the electrode lead wire is generally flush with the outer surface of the shaft of the catheter tip section.

3. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section~~ as claimed in claim 1, wherein the electrode lead wire is wrapped circumferentially around the shaft of the tip section at least two turns.

4. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section~~ as claimed in claim 1, wherein the electrode lead wire is wrapped circumferentially around the shaft of the tip section and secured thereto in a clove hitch arrangement.

5. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section~~ as claimed in claim 1, wherein the skirt is flared radially outwardly at an angle of about 4 to about 8 degrees.

6. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section~~ as claimed in claim 5, wherein the skirt is flared radially outwardly at an angle of about 6 degrees.

7. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section~~ as claimed in claim 1, wherein the electrode lead wire comprises a non-conductive coating and the non-conductive coating is removed from the portion of the electrode lead wire that extends out of the exit hole.

8. (Canceled).

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9. (Currently Amended) [[A]] ~~The method for attaching a ring electrode to the shaft of a catheter tip section as claimed in claim 1, wherein the shaft of the tip section is made of polyurethane and is heated to from about 90°C to about 110°C during the wrapping step.~~

10. (Canceled).

11. (New) The method as claimed in claim 1, wherein the sealant comprises a polyurethane resin.